

Stefan Fischer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

238
citations

7
h-index

15
g-index

16
ext. papers

276
ext. citations

2.7
avg, IF

3.03
L-index

#	Paper	IF	Citations
15	Mineral characterization and composition of Fe-rich flocs from wetlands of Iceland: Implications for Fe, C and trace element export. <i>Science of the Total Environment</i> , 2021 , 816, 151567	10.2	1
14	Exploration of changes in spatial chondrocyte organisation in human osteoarthritic cartilage by means of 3D imaging. <i>Scientific Reports</i> , 2021 , 11, 9783	4.9	2
13	Ultrastructural 3D reconstruction of the smallest known insect photoreceptors: The stemmata of a first instar larva of Strepsiptera (Hexapoda). <i>Arthropod Structure and Development</i> , 2021 , 62, 101055	1.8	
12	Ultrastructural evidence for the origin of the subretinal pigment shield in the compound eye of <i>Drosophila melanogaster</i> . <i>Journal of Morphology</i> , 2020 , 281, 802-807	1.6	
11	Novel type of sub-retinal pigment shield in the miniaturized compound eye of <i>Trichogramma evanescens</i> . <i>Journal of Comparative Neurology</i> , 2020 , 528, 167-174	3.4	
10	Three-dimensional ultrastructural organization of the ommatidium of the minute parasitoid wasp <i>Trichogramma evanescens</i> . <i>Arthropod Structure and Development</i> , 2019 , 48, 35-48	1.8	5
9	Approaching Perfect Light Incoupling in Perovskite and Silicon Thin Film Solar Cells by Moth Eye Surface Textures. <i>Advanced Theory and Simulations</i> , 2018 , 1, 1800030	3.5	30
8	From two to three dimensions: The importance of the third dimension for evaluating the limits to neuronal miniaturization in insects. <i>Journal of Comparative Neurology</i> , 2018 , 526, 653-662	3.4	6
7	Comparative morphological analysis of compound eye miniaturization in minute hymenoptera. <i>Arthropod Structure and Development</i> , 2015 , 44, 21-32	1.8	23
6	Compound Eye Miniaturization in Lepidoptera: a comparative morphological analysis. <i>Acta Zoologica</i> , 2014 , 95, 438-464	0.8	19
5	Notable plesiomorphies and notable specializations: head structure of the primitive "tongue moth" <i>Acanthopteroctetes unifascia</i> (Lepidoptera: Acanthopteroctetidae). <i>Journal of Morphology</i> , 2014 , 275, 153-72	1.6	6
4	Neither apposition nor superposition: the compound eyes of the Chestnut Leafminer <i>Cameraria ohridella</i> . <i>Zoomorphology</i> , 2012 , 131, 37-55	1	15
3	Studying nanostructured nipple arrays of moth eye facets helps to design better thin film solar cells. <i>Bioinspiration and Biomimetics</i> , 2012 , 7, 016003	2.6	75
2	Challenging limits: ultrastructure and size-related functional constraints of the compound eye of <i>Stigmella microtheriella</i> (Lepidoptera: Nepticulidae). <i>Journal of Morphology</i> , 2012 , 273, 1064-78	1.6	16
1	How small can small be: the compound eye of the parasitoid wasp <i>Trichogramma evanescens</i> (Westwood, 1833) (Hymenoptera, Hexapoda), an insect of 0.3- to 0.4-mm total body size. <i>Visual Neuroscience</i> , 2011 , 28, 295-308	1.7	39